

LINDA LINGLE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HAWAII 96801-3378

CHIYOME L. FUKINO, M.D.
DIRECTOR OF HEALTH

In reply, please refer to:
EMD/SHWB

March 2, 2009

H0301TB

Mr. Michael Kaleikini
Puna Geothermal Ventures, Inc.
P.O. Box 30
14-3860 Kapoho Pahoa Road
Pahoa, Hawaii 96778

File No.: HW-6286

Dear Mr. Kaleikini:

SUBJECT: Return to Compliance Letter

On September 27, 2007, a hazardous waste and used oil compliance evaluation inspection (with respect to the state hazardous waste laws) was conducted at Puna Geothermal Ventures, Inc. (PGV), 14-3860 Kapoho Pahoa Road, Pahoa, Hawaii by a representative of the Department of Health. During the course of the investigation, information was gathered in accordance with sections 342J-6 and 342J-55 of the Hawaii Revised Statutes. On January 9, 2008 a copy of the inspection report was submitted to PGV for your information and response.

You were required to correct the identified areas of non-compliance and to submit documentation of their correction to the state. The facility's subsequent response, dated August 22, 2008, adequately addressed the violations noted in the report and documented the facility's return to compliance with the regulatory requirements of a small quantity generator of hazardous waste and a processor of used oil.

PGV should continue to take the necessary steps to maintain and ensure compliance with all applicable federal, state, and local environmental requirements. This letter should not be construed as a determination of your compliance with any other applicable regulations.

If you have any questions, please contact Mr. Thomas Brand of our Hazardous Waste Section at (808) 586-4226.

Sincerely,


STEVEN Y.K. CHANG, P.E., CHIEF
Solid and Hazardous Waste Branch

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RCVD: 5mar09: [Signature]

CONFIDENTIAL BUSINESS INFORMATION

PGV_000510_CBI

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME LEINAALA FUKINO, M.D.
DIRECTOR OF HEALTH

**CERTIFIED MAIL -
RETURN RECEIPT REQUESTED**
(#7009 0960 0000 3852 7213)

**STATE OF HAWAII
DEPARTMENT OF HEALTH**
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

RECEIVED JUN 30 2010

In reply, please refer to:
File:

10-474C&E CAB
10-INF-042

June 23, 2010

Mr. Michael L. Kaleikini
Plant Manager
Puna Geothermal Venture
P.O. Box 30
Pahoa, Hawaii 96779

Dear Mr. Kaleikini:

SUBJECT: Informal Notice of Violation
41 MW (Nominal) Geothermal Power Plant, Wellfield, and Geothermal
Exploratory/Developmental Wells
Noncovered Source Permit (NSP) No. 0008-02-N

The Department of Health, Clean Air Branch (DOH), conducted an inspection on June 14, 2010 of your facility located in Pahoa, Hawaii. A violation of Hawaii Revised Statutes §342B-11, Hawaii Administrative Rules §11-60.1-2, and the following condition of the NSP was noted:

Attachment IIB, Section F, Special Condition 3: Failed to submit a written test plan and obtain approval from the DOH prior to sampling production wells KS-9 and KS-10 for calendar year 2009.

Please submit the required test plan to the DOH within 30 days after the receipt of this letter. Failure to do so will result in further action, which may include permit suspension, and the imposition of civil and administrative fines of not more than \$25,000 per day per violation.

The DOH has elected to serve you with this informal written notice that a violation has occurred rather than pursuing its other remedies which may include administrative, civil, or criminal penalties. Although the DOH has decided not to seek sanctions against your company at this time, it reserves the right to do so if further violations are noted.

Unannounced follow-up investigations may be conducted in the future, and civil and administrative fines may be imposed in an amount of not more than \$25,000 per day per violation. Accordingly, you should ensure that corrective action has been or will be taken as soon as possible.

If there are any questions, please contact Mr. Ed Yamamoto of my staff in Hilo at 933-0401.

Sincerely,

WILFRED K. NAGAMINE
Manager, Clean Air Branch

EY:rkb

c: William Cooper, Deputy Attorney General, State of Hawaii

PUNA GEOTHERMAL VENTURE



July 7, 2010

Mr. Wilfred Nagamine, Chief
Clean Air Branch
Environmental Management Division
Hawaii Department of Health
P.O. Box 3378
Honolulu, HI 96801

**SUBJECT: Informal Notice of Violation
41 MW (Nominal) Geothermal Power Plant, Wellfield,
And Geothermal Exploratory/Development Wells
Noncovered Source Permit (NSP) No. 0008-02-N**

Dear Mr. Nagamine:

We appreciate your consideration in issuing the Informal Notice of Violation dated June 23, 2010, regarding notification required under the Noncovered Source Permit (NSP) No. 0008-02-N.

In reference to Attachment IIB, Section F, Special Condition 3 noted in the second paragraph of your letter, attached is the written test plan that was not submitted prior to taking the production well samples for KS-9 and KS-10 in calendar year 2009. PGV respectfully requests belated approval for this plan and belated approval for taking the well samples.

PGV will make every attempt to ensure that all future notifications be done in accordance with the Noncovered Source Permit (NSP) No. 0008-02-N, Attachment IIB, Section F, Special Condition 3.

If you need any additional information, please do not hesitate to contact me at (808) 965-2838.

Sincerely,

Michael L. Kaleikini
Plant Manager

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We certify that this document and all attachments are true, accurate, and complete, pursuant to HAR 11-60.1-4.

Post Office Box 30 • 14-3860 Kapoho-Pāhoa Road
Pāhoa, Hawai'i 96778
Tel (808) 965-6233 • Fax (808) 965-7254
PunaGeothermalVenture.com

an ORMAT company

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CONFIDENTIAL BUSINESS INFORMATION

PGV_000512_CBI

Mr. Wilfred Nagamine
July 7, 2010
Page 2

Enclosure: PGV KS-9 and KS-10 written test plan

cc: Ed Yamamoto, HDOH
PGV File

Ron Quesada

From: Michael L. Kaleikini
Sent: Thursday, January 27, 2011 2:49 PM
To: Ron Quesada
Subject: FW: US EPA's Inspection of PGV on July 22, 2010
Attachments: Puna Geothermal Venture_Records and Documents Request.docx

From: Ardito.Michael@epamail.epa.gov [<mailto:Ardito.Michael@epamail.epa.gov>]
Sent: Monday, June 07, 2010 12:24 PM
To: Michael L. Kaleikini
Subject: US EPA's Inspection of PGV on July 22, 2010

Aloha Mr. Michael Kaleikini,

We are confirming the U.S. Environmental Protection Agency's Risk Management Plan / Emergency Planning and Community Right-to-Know Act (EPCRA) programs compliance inspection of the Puna Geothermal Venture facility, located at 14-3860 Kapoho Pahoa Road in Pahoa, Hawai'i on Thursday, July 22, 2010. The inspection team plans to arrive between 9:15 and 9:30 am. We expect to complete our on-site portion of the inspection by 3:00 pm. In the morning we will have our orientation meetings (including the hydrogen sulfide safety briefing from PGV) and our site tour. We typically take a lunch break (off-site) from about 11:30 am to 1 p.m. before we return to complete our document review and provide our exit interview.

We understand that you will be our contact person at the facility. If not, please let me know in advance.

Our inspection team will be comprised of:

- Lance Richman, the U.S. Environmental Protection Agency's lead inspector for this Risk Management Plan (RMP) program inspection
- Beryl Ekimoto, the Hawai'i Department of Health's inspector for the RMP program
- Michael Ardito, the U.S. EPA's emergency preparedness coordinator for Hawai'i

The inspection is part of our ongoing compliance evaluation of industrial facilities that fall under the Clean Air Act 1990 as amended, Section 112(r) regarding the Risk Management Program, and the requirements of the Emergency Planning and Community Right-to-Know Act of 1986, EPCRA, Sections 302-312.

Attached is a list of records and documents that we request be made available upon our arrival and which we typically review at the facility site. We understand that some of the items may not apply to your facility or may not be immediately available.

If you have any questions, please do not hesitate to contact me.

Mahalo,

Michael (Mike) Ardito
Emergency Preparedness Coordinator
U.S. Environmental Protection Agency,
Pacific Southwest Region
75 Hawthorne Street, Mail Code SFD-9-3

San Francisco, CA 94105

Work Telephone: 415-972-3081

Work Fax: 415-947-3520

Work Email: ardito.michael@epa.gov

Ron Quesada

From: Ekimoto, Beryl Y <beryl.ekimoto@doh.hawaii.gov>
Sent: Thursday, October 21, 2010 7:34 AM
To: Michael L. Kaleikini
Cc: MIKE ARDITO; Richman.Lance@epamail.epa.gov; Ron Quesada
Subject: RE: Puna Geothermal Venture RMP Inspection

Follow Up Flag: Follow up
Flag Status: Flagged

Good Morning Mike,

EPA (RMP program) does not send facilities inspection reports of any kind. It is not normal procedure (I recall Lance Richman mentioning this at the outbriefing, that a report would not be sent, instead, there will be a followup email). Therefore, this email is your documentation of the inspection that was done. Either myself or Lance or Mike Ardito will be periodically checking with you on the status of your RMP resubmittal, etc., Other than that, your operation looks alright.

Will be in touch, have a good rest of the week.

Beryl

From: Michael L. Kaleikini [<mailto:Mkaleikini@ormat.com>]
Sent: Wednesday, October 20, 2010 2:57 PM
To: Ekimoto, Beryl Y
Cc: MIKE ARDITO; Richman.Lance@epamail.epa.gov; Ron Quesada
Subject: RE: Puna Geothermal Venture RMP Inspection

Aloha e Beryl,

Thanks for the follow up regarding the RMP inspection held at our facility on 22 July 2010. We had requested a summary report (primarily for documentation reasons) of the inspection and did not receive any report. If a report was sent, please resend, sometimes our IT system can be challenging.

REDACTED - CONFIDENTIAL BUSINESS INFORMATION

Thank you for the reminder.

Regards, Mike.

REDACTED - CONFIDENTIAL BUSINESS INFORMATION

